

# GS R3521 Handheld Barcode Scanner

## Unmatched advanced range scanning

GS R3521 offers best-in-class scanning performance and scanning range. It reads 100% UPC-A barcodes from the near of 46mm to the far of 495mm – the widest working range in this class.

## Triggers built for intensive scanning

The triggers are rated for millions of pressing — instead of the typical few hundred thousand trigger presses. It is obvious that the frequency of replacing triggers getting lower, and also the cost.

## All day comfort that workers can count on

The ergonomic designed grip provides maximum comfort, even in the heavy-duty scanning environments, which reduced greatly user fatigue and increased productivity.



## The Flexgrip is easy to assemble and clean

It is very easy to assemble on the scanner, just press and release the latch it will be fixed. Because of the small size, it is also very easy to clean.

## Durable and Rugged for All-Day, Every-Day Use

GS R3521 is dual-tested for durability—drop and tumble. Multiple drop it on concrete from 4.9ft./1.5M, tumble it from 3.3ft./1M with frequency of 10 times per minutes for 20,000 times, GS R3521 is engineered for durability and uptime.

## Maximum replaceable parts bring minimize downtime

The removable and swappable scanner body and battery minimize the entire time of reassembly process. Furthermore, the one-second swappable battery makes sure scanners have virtually no down-time. There is no need to worry about dead battery to influence your daily working any more.

## ACCESSORIES



**Bluetooth Dongle**  
(GDA201)



**Battery Charger**  
GS GCR208(8-slot) / 203(16-slot)



**Battery Charger**  
Dual-Slot Battery Charger



**Armband**  
(AB1800)



**Flexgrip**  
(GS GHR201)

# PRODUCT SPEC SHEET

## Handheld Barcode Scanner GS R3521

### PHYSICAL PARAMETER

Scanner Dimensions	64.8MM(H) × 34.6MM(W) × 24.8MM(D)
Scanner Weight	29.5g (scan body)
Handle Dimensions	166.5MM(H) × 48.7MM(W) × 75.8MM(D)
Handle Weight	144.5g
Battery Capacity	600mAh
Charging	5V⎓1A
Charging Time	120min
Battery Life	10.6 hours (scan every 5 seconds)
Notification	LED, Buzzer, Vibration

### PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 960 pixels
Shutter	Rolling shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° from normal Pitch tolerance: ±60° from normal Roll tolerance: 360° from normal
Field of View	Horizontal 44.5°, Vertical 33.5°
Illumination	White LED
Aiming	Green Led
Supported Symbolologies	1D: Code39, Code128, Codabar, Code11, UPC/EAN, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, GS1 Databar, Code93, MSI, Composite 2D: PDF417, Postal Codes, Micro PDF, Micro PDF417, Code128 Emulation, Aztec, Data Matrix, GS1 Data Matrix, QR Code, GS1 QR, Maxicode, Micro QR, Han Xin, Grid Matrix, DotCode, OCR
Interface	USB, Bluetooth
Offline Mode	Support storage of 3839 EAN-13 barcodes

### BLUETOOTH

Bluetooth Protocol	HID Keyboard, SPP, and BLE
Bluetooth Range	Communication distance connected to mobile phone > 164.04ft./50m (without obstructions)
Bluetooth OTA	Bluetooth OTA

### USER ENVIRONMENT

Ambient Light	Max 107639lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-10°C~50°C
Humidity	5% - 85% non-condensing
Drop Spec.	Multiple 4.9ft./1.5M drops to concrete
Tumble Spec.	Scanner body withstands 20,000 times from 3.3ft./1M with frequency of 10 times per minutes.
Electrostatic Discharge (ESD)	±8kv DC discharge, ±15kv air discharge
Certificates	CE, FCC, KC, TELEC, RoHS, ANATEL, NOM, EAC

### SOFTWARE SUPPORT

Generalscan Keyboard Pro, Generalscan SDK Demo, Generalscan OTA Tools, Generalscan iCode, G-Service
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### DECODE RANGES

5 mil Code 39	61.0MM - 241.0MM
5 mil Code 128	71.0MM - 229.0MM
6.6 mil PDF417	61.0MM - 203.0MM
10 mil DataMatrix	61.0MM - 203.0MM
100% UPCA	61.0MM - 203.0MM
15 mil QR Code	30.0MM - 292.0MM
20 mil QR Code	30.0MM - 356.0MM

# GENERALSCAN

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